

WHAT IS CLAIMED IS:

1. A control system for controlling a display device including a display unit displaying a motion picture, and a pointing unit pointing a position on the motion picture, said  
5 control system comprising:

a recognizing unit recognizing an object in the motion picture on which the pointing manipulation is effected; and  
a processing unit executing a predetermined process related to the object recognized.

10 2. A control system according to claim 1, wherein said display device further includes a receiving unit receiving data, said receiving unit receives first data containing the motion picture, and second data related to the object in the  
15 motion picture contained in the first data, and

said processing unit makes said display device output the second data related to the object recognized.

20 3. A control system according to claim 2, wherein the second data contains an image related to the motion picture of the first data.

4. A control system according to claim 2, wherein the second data is multiplexed with the first data and thus distributed.

25 5. A control system according to claim 4, wherein the second data is embedded in a margin of the first data.

6. A control system according to claim 2, wherein the motion picture of the first data contains an image related to a commercial article or a service becoming an advertisement target, and  
5 the second data is an advertisement of the article or the service.

7. A control system according to claim 1, wherein said processing unit executes an application program related to the  
10 object recognized.

8. A control system according to claim 1, wherein said processing unit executes a task related to the object recognized.

9. A control system according to claim 1, wherein said display device further includes a communication unit  
15 transmitting a command to other task executing device, and said processing unit, via said communication unit, commands said other task executing device to execute a task  
20 related to the object recognized.

10. A control system according to claim 9, wherein said task executing device is an E-mail server delivering an E-mail, and the command is a request for transmitting E-mail data related  
25 to the object, and

said processing unit receives the transmitted E-mail data via said communication unit.

11. A control system according to claim 1, wherein said display device further includes a communication unit transmitting information to an add-up server adding up pieces  
5 of information, and

said processing unit, via said communication unit, notifies said add-up server of the information related to the recognized object, and makes said add-up server add up results of the recognition.

10 12. A control system according to claim 2, wherein the motion picture is formed of a plurality of frames,

said receiving unit further receives definition information for defining an area of the object of each frame,  
15 and

said recognizing unit collates a position on the motion picture receiving the pointing manipulation with the definition information with respect to the frame of the motion picture receiving the pointing manipulation.

20 13. A control system according to claim 12, further comprising a unit displaying the area in the motion picture with enhancement.

25 14. A control system according to claim 2, wherein said receiving unit further receives information for describing a characteristic of the object, and

said processing unit generates an object corresponding to the motion picture on the basis of the motion picture and the information for describing the characteristic of the object.

5 15. A control system according to claim 1, wherein when the pointing manipulation occurs during the display of the motion picture contained in the first data, said processing unit, after an end of displaying the motion picture, commands said display device to output the second data related to the object recognized  
10 by the pointing manipulation.

16. A control system according to claim 15, wherein said display device further includes a recording unit recording data, and

15 said processing unit, when the object is recognized from the pointing manipulation during the display of the motion picture, commands said recording unit to record the second data related to the object, and after the end of displaying the motion picture, commands said display device to output the second data  
20 recorded.

17. A control system according to claim 1, wherein said processing unit, when the object is recognized from the pointing manipulation during the display of the motion picture contained  
25 in the first data, commands said display device to effect a first changeover to an output of the second data related to the object.

18. A control system according to claim 17, wherein said processing unit commands said display device to execute a second changeover to displaying the motion picture after outputting the second data.

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19. A control system according to claim 18, wherein said display device further includes a recording unit recording data, and

10 said processing unit, after outputting the second data, issues a command of displaying the motion picture from a point of the first changeover recorded on said recording unit.

20. A control system according to claim 15, wherein said display device includes a first receiving unit receiving the first data and a second receiving unit receiving the second data.

21. A control system for controlling a display device including a display unit displaying a motion picture, and a pointing unit pointing a position on the motion picture, said control system comprising:

a communication unit transmitting the position on the motion picture receiving the pointing manipulation to a server including a unit recognizing an object in the motion picture receiving the pointing manipulation, and receiving, from said server, information on the object in the motion picture recognized by said server; and

a processing unit executing a predetermined process

related to the object recognized.

22. A control system according to claim 21, wherein said display device further includes a receiving unit receiving data,

5        wherein said receiving unit receives first data containing the motion picture, and second data related to the object in the motion picture contained in the first data, and

         said processing unit makes said display device output the second data related to the object recognized.

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23. A control system according to claim 22, wherein the second data contains an image related to the motion picture of the first data.

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24. A control system according to claim 22, wherein the second data is multiplexed with the first data and thus distributed.

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25. A control system according to claim 24, wherein the second data is embedded in a margin of the first data.

26. A control system according to claim 21, wherein said processing unit executes an application program related to the object recognized.

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27. A control system according to claim 21, wherein said processing unit executes a task related to the object recognized.

28. A control system according to claim 21, wherein said processing unit commands other task executing device to execute a task related to the object recognized via said communication unit.

29. A control system according to claim 21, wherein said display device includes a reproducing unit reproducing the motion picture recorded on a recording medium,

said recording medium is recorded with a first motion picture and a second image related to an object corresponding to the first motion picture, and

said processing unit makes said reproducing unit reproduce from said recording medium the second image related to the object recognized and makes said display device display the reproduced second image.

30. A control system according to claim 21, wherein said server further includes a unit transmitting an information to an add-up device adding up the pieces of information, and

said processing unit notifies said server of the information on the object recognized via said communication unit, and makes said add-up device add up results of the recognition via said server.

31. A control system according to claim 21, wherein said display device further includes a reproducing unit reproducing

the motion picture recorded on recording medium, and

said communication unit , when the motion picture to be reproduced receives the pointing manipulation, transmits, to said server, information for specifying this motion picture and  
5 information for specifying a position where the pointing manipulation is effected on the motion picture.

32. A server in linkage with a display device including  
a receiving unit receiving data containing a motion picture,  
10 a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said server comprising:

a communication unit receiving information on the position where the pointing manipulation is effected from said display  
15 device;

a recognizing unit recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device; and

a processing unit executing a predetermined process  
20 related to the object recognized.

33. A server according to claim 32, wherein said processing unit transmits the information on the object recognized to said display device via said communication unit.

34. A server according to claim 32, wherein said processing unit executes a task related to the object recognized.



35. A server according to claim 32, wherein said processing unit, via said communication unit, commands other task executing device to execute a task related to the object recognized.

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36. A server according to claim 32, wherein said communication unit notifies an add-up server adding up pieces of information, of the information on the object recognized, and makes said add-up server add up results of the recognition.

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37. A server according to claim 32, wherein said communication unit communicates with an E-mail server delivering an E-mail, and

15 said processing unit, via said communication unit, commands said E-mail server to deliver an E-mail related to the object recognized.

38. A server issuing a command to a data distribution system in linkage with a display device including a receiving unit receiving data containing a motion picture from a data distribution system, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said server comprising:

20 a communication unit receiving information on the position where the pointing manipulation is effected on the motion picture from said display device;

25 a recognizing unit recognizing the object in the motion

picture receiving the pointing manipulation on the basis of the information received from said display device;

a referring unit referring to an instruction related to the object; and

5 a commanding unit commanding said data distribution system to change over the data to be distributed in accordance with the instruction.

39. An add-up device comprising:

10 a receiving unit receiving pieces of information to be added up;

a category specifying unit retaining category information for categorizing the added-up information ;

15 an add-up unit categorizing the added-up information in accordance with the category information and adding up these piece of added-up information;

an information recording unit recording pieces of added-up information ruled out of the category information by said add-up unit; and

20 a generating unit generating a new category for categorizing the added-up information recorded on said information recording unit,

wherein said category specifying unit adds the generated category to said category information, and

25 said add-up unit adds up once again the added-up information on the basis of the category information with the new category.

40. An add-up device according to claim 39, wherein the added-up information is an answer to a questionnaire.

5           41. An add-up device according to claim 40, wherein the answer to the questionnaire is a piece of information about a position on a picture, and

the category information contains area information created corresponding to picture segments.

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42. A processing device comprising:

a photographing device obtaining an image of a subject;

a signal generating unit attached to each of a plurality of positions on the subject;

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a detection unit detecting signals transmitted from said signal generating units;

a recording unit recording a mapping between the image and the signal; and

a processing unit creating, from the signals, information  
20 for defining an occupy area on the image of the subject or a part of the subject.

43. A server supporting an agency of advertisement for a commercial article related to a motion picture segment not  
25 assumed as an object in linkage with a display device including a receiving unit receiving a motion picture containing a commercial article, a display unit displaying the motion picture,

and a pointing unit pointing a position on the motion picture,  
said server comprising:

a receiving unit receiving information about the position  
where the pointing manipulation is effected from said display  
5 device;

a recognizing unit recognizing an object in the motion  
picture receiving the pointing manipulation on the basis of the  
information received from said display device;

10 a recording unit, if unable to recognize the object with  
respect to the pointing manipulation, recording data on that  
position; and

a reporting unit adding up and reporting pieces of  
information on the recorded position.

15 44. A server supporting an information research about the  
motion picture in linkage with a display device including a  
receiving unit receiving data containing a motion picture, a  
display unit displaying the motion picture, and a pointing unit  
pointing a position on the motion picture, said server  
20 comprising:

a receiving unit receiving information about a position  
where the pointing manipulation is effected from said display  
device;

25 a recognizing unit recognizing an object in the motion  
picture receiving the pointing manipulation on the basis of the  
information received from said display device;

a recording unit, if unable to recognize the object with

respect to the pointing manipulation, recording data on that position; and

a reporting unit adding up and reporting pieces of information on the recorded position.

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45. A display device comprising:

a receiving unit receiving data containing a motion picture from a data distribution system;

a display unit displaying the motion picture;

10 a pointing unit pointing a position on the motion picture;

and

a communication unit communicating with a server for recognizing an object in the motion picture,

15 wherein said communication unit, when a motion picture of first data displayed on said display unit receives the pointing manipulation, transmits, to said server, a piece of information about a position on the motion picture receiving the pointing manipulation and a piece of information for specifying the motion picture,

20 said server commands said data distribution system to change over the data to be distributed in accordance with the position on the motion picture receiving the pointing manipulation,

said receiving unit receives second data changed over,

25 and

said display unit displays the second data.

46. A storage medium readable by a machine, tangible  
embodying a program of instructions executable by the machine  
to control a display device including a display unit displaying  
a motion picture and a pointing unit pointing a position on the  
5 motion picture, comprising:

recognizing an object in the motion picture on which the  
pointing manipulation is effected; and

executing a predetermined process related to the object  
recognized.

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47. A storage medium readable by a machine tangible  
embodying a program according to claim 46, wherein said display  
device further includes a receiving unit receiving data,

15 said receiving unit receives first data containing the  
motion picture, and second data related to the object in the  
motion picture contained in the first data, and

said predetermined process involves making said display  
device output the second data related to the object recognized.

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48. A storage medium readable by a machine tangible  
embodying a program according to claim 47, wherein the second  
data contains an image related to the motion picture of the first  
data.

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49. A storage medium readable by a machine tangible  
embodying a program according to claim 47, wherein the second  
data is multiplexed with the first data and thus distributed.

50. A storage medium readable by a machine tangible embodying a program according to claim 49, wherein the second data is embedded in a margin of the first data.

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51. A storage medium readable by a machine tangible embodying a program according to claim 47, wherein the motion picture of the first data contains an image related to a commercial article or a service becoming an advertisement target, and

10 the second data is an advertisement of the article or the service.

52. A storage medium readable by a machine tangible embodying a program according to claim 46, wherein the  
15 predetermined process is an execution of an application program related to the object recognized.

53. A storage medium readable by a machine tangible embodying a program according to claim 46, wherein the  
20 predetermined process is an execution of a task related to the object recognized.

54. A storage medium readable by a machine tangible embodying a program according to claim 46, wherein said display  
25 device further includes a communication unit transmitting a command to other task executing device, and

said predetermined process involves commanding, via said

communication unit, said other task executing device to execute a task related to the object recognized.

55. A storage medium readable by a machine tangible  
5 embodying a program according to claim 54, wherein said task  
executing device is an E-mail server delivering an E-mail, and  
the command is a request for transmitting E-mail data related  
to the object, and

10 said predetermined process involves making the  
transmitted E-mail data received via said communication unit.

56. A storage medium readable by a machine tangible  
embodying a program according to claim 46, wherein said display  
device further includes a communication unit transmitting  
15 information to a server adding up pieces of information, and  
said predetermined process involves notifying said server  
of the information related to the recognized object via said  
communication unit, and making said server add up results of  
the recognition.

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57. A storage medium readable by a machine tangible  
embodying a program according to claim 47, wherein the motion  
picture is formed of a plurality of frames,

25 said receiving unit further receives definition  
information for defining an area of the object of each frame,  
and

said recognizing involves collating a position on the



motion picture receiving the pointing manipulation with the definition information with respect to the frame of the motion picture receiving the pointing manipulation.

5           58. A storage medium readable by a machine tangible embodying a program according to claim 57, further comprising a displaying the area in the motion picture with enhancement.

10           59. A storage medium readable by a machine tangible embodying a program according to claim 47, further comprising receiving information for describing a characteristic of the object, and

15           said predetermined process involves generating an object corresponding to the motion picture on the basis of the motion picture and the information for describing the characteristic of the object.

20           60. A storage medium readable by a machine tangible embodying a program according to claim 46, wherein said predetermined process involves, when the pointing manipulation occurs during the display of the motion picture contained in the first data, commanding said display device to output, after an end of displaying the motion picture, the second data related to the object recognized by the pointing manipulation.

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          61. A storage medium readable by a machine tangible embodying a program according to claim 60, wherein said display

device further includes a recording unit recording the data,  
and

5 said predetermined process involves, when the object is  
recognized from the pointing manipulation during the display  
of the motion picture, commanding said recording unit to record  
the second data related to the object, and commanding said display  
device to output, after the end of displaying the motion picture,  
the second data recorded.

10 62. A storage medium readable by a machine tangible  
embodying a program according to claim 46, wherein said  
predetermined process involves, when the object is recognized  
from the pointing manipulation during the display of the motion  
picture contained in the first data, commanding said display  
15 device to effect a first changeover to an output of the second  
data related to the object.

20 63. A storage medium readable by a machine tangible  
embodying a program according to claim 62, wherein said  
predetermined process involves commanding said display device  
to executes a second changeover to displaying the motion picture  
after outputting the second data.

25 64. A storage medium readable by a machine tangible  
embodying a program according to claim 63, wherein said display  
device further includes a recording unit recording data, and  
said predetermined process involves issuing a command of

displaying, after outputting the second data, the motion picture from a point of the first changeover recorded on said recording unit.

5           65. A storage medium readable by a machine tangible embodying a program according to claim 60, further comprising receiving the first data, and receiving the second data.

10           66. A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit so as to control a display device including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, to perform method steps comprising:

15           transmitting the position on the motion picture receiving the pointing manipulation to a server including a recognizing unit recognizing an object in the motion picture receiving the pointing manipulation;

20           receiving, from said server, information on the object in the motion picture recognized by said server; and

          executing a predetermined process related to the object recognized.

25           67. A storage medium readable by a machine tangible embodying a program according to claim 66, wherein said display device further includes a receiving unit receiving data, said receiving unit receives first data containing the

motion picture, and second data related to the object in the motion picture contained in the first data, and

said predetermined process involves making said display device output the second data related to the object recognized.

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68. A storage medium readable by a machine tangible embodying a program according to claim 67, wherein the second data contains an image related to the motion picture of the first data.

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69. A storage medium readable by a machine tangible embodying a program according to claim 67, wherein the second data is multiplexed with the first data and thus distributed.

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70. A storage medium readable by a machine tangible embodying a program according to claim 69, wherein the second data is embedded in a margin of the first data.

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71. A storage medium readable by a machine tangible embodying a program according to claim 66, wherein the predetermined process is an execution of an application program related to the object recognized.

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72. A storage medium readable by a machine tangible embodying a program according to claim 66, wherein the predetermined process is an execution of a task related to the object recognized.

73. A storage medium readable by a machine tangible  
embodying a program according to claim 66, wherein said  
predetermined process involves commanding, via said  
5 communication unit, other task executing device to execute a  
task related to the object recognized.

74. A storage medium readable by a machine tangible  
embodying a program according to claim 46, wherein said display  
10 device includes a reproducing unit reproducing the motion picture  
recorded on a recording medium,

said recording medium is recorded with a first motion  
picture and a second image related to an object corresponding  
to the first motion picture, and

15 said predetermined process involves reproducing from said  
recording medium the second image related to the object  
recognized and making said display device display the reproduced  
second image.

20 75 A storage medium readable by a machine tangible  
embodying a program according to claim 66, wherein said server  
further includes a unit transmitting the information to an add-up  
device adding up the pieces of information, and

said predetermined process involves notifying said server  
25 of the information on the object recognized, and making said  
add-up device add up results of the recognition via said server.

76. A storage medium readable by a machine tangible embodying a program according to claim 66, further comprising reproducing the motion picture recorded on said recording medium,

wherein said transmitting involves, when the motion picture to be reproduced receives the pointing manipulation, transmitting, to said server, information for specifying this motion picture and information for specifying a position where the pointing manipulation is effected on the motion picture.

77. A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit so as to operate in linkage with a display device including a receiving unit receiving data containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, to perform method steps comprising:

receiving information on the position where the pointing manipulation is effected from said display device;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device; and

executing a predetermined process related to the object recognized.

78. A storage medium readable by a machine tangible embodying a program according to claim 77, wherein said predetermined process further includes transmitting an

information on the object recognized to said display device.

79. A storage medium readable by a machine tangible  
embodying a program according to claim 77, wherein the  
5 predetermined process is an execution of a task related to the  
object recognized.

80. A storage medium readable by a machine tangible  
embodying a program according to claim 77, wherein said  
10 predetermined process involves commanding other task executing  
device to execute a task related to the object recognized via  
said communication unit.

81. A storage medium readable by a machine tangible  
15 embodying a program according to claim 77, wherein said  
predetermined process involves notifying an add-up server for  
adding up pieces of information, of the information on the object  
recognized, and making said add-up server add up results of the  
recognition.

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82. A storage medium readable by a machine tangible  
embodying a program according to claim 77, wherein said  
communication unit communicates with an E-mail server delivering  
an E-mail, and

25 said predetermined process involves commanding said  
E-mail server to deliver an E-mail related to the object  
recognized via said communication unit.

83. A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit so as to issue a command to a data distribution system in linkage with a display device including a receiving unit receiving data containing a motion picture from said data distribution system, a display unit displaying the motion picture and a pointing unit pointing a position on the motion picture, to perform method steps

comprising:

receiving information on the position where the pointing manipulation is effected on the motion picture;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information

received from said display device;

referring to an instruction related to the object; and

commanding said data distribution system to change over the data to be distributed in accordance with the instruction.

84. A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine including a communication unit and a recording unit, to perform method steps comprising:

receiving pieces of information to be added up;

referring to category information for categorizing the added-up information ;

categorizing the added-up information in accordance with



the category information and adding up these piece of added-up information;

recording pieces of added-up information ruled out of the category information in said categorizing;

5 generating a new set of category information for categorizing the added-up information recorded on said information recording unit; and

categorizing and adding up once again the added-up information on the basis of the generated category information.

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85. A storage medium readable by a machine tangible embodying a program according to claim 84, wherein the added-up information is an answer to a questionnaire.

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86. A storage medium readable by a machine tangible embodying a program according to claim 85, wherein the answer to the questionnaire is a piece of information about a position on a picture, and

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the category information contains area information created corresponding to motion picture segments.

87. A storage medium readable by a machine tangible embodying a program of instructions executable by the machine to perform method steps comprising:

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obtaining an image of a subject;

detecting signals transmitted from signal generating units attached to a plurality of positions on the subject;

recording a mapping between the image and the signal; and  
creating, from the signals, information for defining an  
occupy area on the image of the subject or a part of the subject.

5           88. A storage medium readable by a machine, tangible  
embodying a program of instructions executable by the machine  
so as to operate in linkage with a display device including a  
receiving unit receiving a motion picture containing a commercial  
article, a display unit displaying the motion picture, and a  
10   pointing unit pointing a position on the motion picture, said  
program functioning to support the agency of advertisement for  
the commercial article related to a motion picture segment not  
assumed as an object, to perform method steps comprising:

15           receiving information about a position where the pointing  
manipulation is effected from said display device;

          recognizing an object in the motion picture receiving the  
pointing manipulation on the basis of the information received  
from said display device;

20           recording information on that position if unable to  
recognize the object with respect to the pointing manipulation;  
and

          adding up and reporting pieces of information on the  
recorded position.

25           89. A storage medium readable by a machine, tangible  
embodying a program of instructions executable by the machine  
so as to operate in linkage with a display device including a

receiving unit receiving data containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said program functioning to support an information research about the motion picture, to perform method steps comprising:

receiving information about a position where the pointing manipulation is effected from said display device;

recognizing an object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device;

recording information on that position if unable to recognize the object with respect to the pointing manipulation; and

adding up and reporting pieces of information on the recorded position.

90. A storage medium readable by a machine, tangible embodying a program of instructions executable by the machine to control a display device including:

a receiving unit receiving data containing a motion picture from a data distribution system;

a display unit displaying the motion picture;

a pointing unit pointing a position on the motion picture;

and

a communication unit communicating with a server for recognizing an object in the motion picture,

said program comprising:

transmitting, when a motion picture of first data displayed on said display unit receives the pointing manipulation, a piece of information about a position on the motion picture receiving the pointing manipulation and a piece of information for

5 specifying the motion picture to said server;

making said server command said data distribution system to change over the data to be distributed in accordance with the position on the motion picture receiving the pointing manipulation;

10 receiving second data changed over; and  
displaying the second data.

91. A control method of controlling a display device including a display unit displaying a motion picture and a  
15 pointing unit pointing a position on the motion picture, said method comprising:

recognizing an object in the motion picture on which the pointing manipulation is effected; and

executing a predetermined process related to the object  
20 recognized.

92. A control method according to claim 91, wherein said display device further includes a receiving unit receiving data, said control method further comprising:

25 receiving, via said receiving unit, first data containing the motion picture, and second data related to the object in the motion picture contained in the first data, and

making said display device output the second data related to the object recognized.

93. A control method according to claim 92, wherein the  
5 second data contains an image related to the motion picture of the first data.

94. A control method according to claim 92 wherein the  
second data is multiplexed with the first data and thus  
10 distributed.

95. A control method according to claim 94, wherein the  
second data is embedded in a margin of the first data.

96. A control method according to claim 92, wherein the  
15 motion picture of the first data contains an image related to a commercial article or a service becoming an advertisement target, and

the second data is an advertisement of the article or the  
20 service.

97. A control method according to claim 91, wherein the  
predetermined process is an execution of an application program  
related to the object recognized.

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98. A control method according to claim 91, wherein the  
predetermined process is an execution of a task related to the

object recognized.

99. A control method according to claim 91, wherein said display device further includes a communication unit  
5 transmitting a command to other task executing device, and  
said predetermined process involves commanding said other task executing device to execute a task related to the object recognized via said communication unit.

10 100. A control method according to claim 99, wherein said task executing device is an E-mail server delivering an E-mail, and the command is a request for transmitting E-mail data related to the object, and

15 said predetermined process involves making the transmitted E-mail data received via said communication unit.

101. A control method according to claim 91, wherein said display device further includes a communication unit  
20 transmitting information to a add-up server adding up pieces of information, and

said predetermined process involves notifying said server of the information related to the recognized object via said communication unit, and making said server add up results of the recognition.

25 102. A control method according to claim 92, wherein the motion picture is formed of a plurality of frames,

said receiving involves further receives definition information for defining an area of the object of each frame, and

5 said recognizing involves collating a position on the motion picture receiving the pointing manipulation with the definition information with respect to the frame of the motion picture receiving the pointing manipulation.

10 103. A control method according to claim 102, further comprising displaying the area in the motion picture with enhancement.

15 104. A control method according to claim 92, further comprising receiving information for describing a characteristic of the object, and

said predetermined process involves generating an object corresponding to the motion picture on the basis of the motion picture and the information for describing the characteristic of the object.

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105. A control method according to claim 91, wherein said predetermined process involves, when the pointing manipulation occurs during the display of the motion picture contained in the first data, commanding said display device to output, after 25 an end of displaying the motion picture, the second data related to the object recognized by the pointing manipulation.

106. A control method according to claim 105, wherein said predetermined process further includes recording, when the object is recognized from the pointing manipulation during the display of the motion picture, the second data related to the object, and outputting the second data to said display device after the end of displaying the motion picture.

107. A control method according to claim 91, wherein said predetermined process involves, when the object is recognized from the pointing manipulation during the display of the motion picture contained in the first data, commanding said display device to effect a first changeover to an output of the second data related to the object.

108. A control method according to claim 107, wherein said processing step involves commanding said display device to executes a second changeover to displaying the motion picture after outputting the second data.

109. A control method according to claim 108, wherein said display device further includes a recording unit recording data, and

said processing step involves issuing a command of displaying the motion picture from a point of the first changeover recorded on said recording unit after outputting the second data.

110. A control method according to claim 105, further



comprising receiving the first data, and receiving the second data.

111. A control method of controlling a display device  
5 including a display unit displaying a motion picture and a pointing unit pointing a position on the motion picture, said method comprising:

transmitting the position on the motion picture receiving  
the pointing manipulation to a server including a recognizing  
10 unit recognizing an object in the motion picture receiving the pointing manipulation;

receiving, from said server, information on the object  
in the motion picture recognized by said server; and

executing a predetermined process related to the object  
15 recognized.

112. A control method according to claim 111, wherein said display device further includes a receiving unit receiving data,  
said receiving unit receives first data containing the  
20 motion picture, and second data related to the object in the motion picture contained in the first data, and

said predetermined process involves making said display device output the second data related to the object recognized.

25 113. A control method according to claim 112, wherein the second data contains an image related to the motion picture of the first data.

114. A control method according to claim 112, wherein the second data is multiplexed with the first data and thus distributed.

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115. A control method according to claim 114, wherein the second data is embedded in a margin of the first data.

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116. A control method according to claim 111, wherein the predetermined process is an execution of an application program related to the object recognized.

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117. A control method according to claim 111, wherein the predetermined process is an execution of a task related to the object recognized.

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118. A control method according to claim 111, wherein said predetermined process involves commanding, via said communication unit, other task executing device to execute a task related to the object recognized.

25

119. A control method according to claim 91, wherein said display device includes a reproducing unit reproducing the motion picture recorded on a recording medium,  
said recording medium is recorded with a first motion picture and a second image related to an object corresponding to the first motion picture, and

said predetermined process involves reproducing from said recording medium the second image related to the object recognized and making said display device display the reproduced second image.

5

120. A control method according to claim 111, wherein said server further includes a unit transmitting the information to an add-up device for adding up the pieces of information, and

10 said predetermined process involves notifying said server of the information on the object recognized, and making said add-up device add up results of the recognition via said server.

121. A control method according to claim 111, further comprising reproducing the motion picture recorded on recording  
15 medium,

wherein said transmitting involves, when the motion picture to be reproduced receives the pointing manipulation, transmitting, to said server, information for specifying this motion picture and information for specifying a position where  
20 the pointing manipulation is effected on the motion picture.

122. An information processing method for a computer including a communication unit to operate in linkage with a display device including a receiving unit receiving data  
25 containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said method comprising:

receiving information on the position where the pointing manipulation is effected from said display device;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information

5 received from said display device; and

executing a predetermined process related to the object recognized.

123. An information processing method according to claim  
10 122, wherein said predetermined process further includes transmitting an information on the object recognized to said display device.

124. An information processing method according to claim  
15 122, wherein the predetermined process is an execution of a task related to the object recognized.

125. An information processing method according to claim  
122, wherein said predetermined process involves commanding,  
20 via said communication unit, other task executing device to execute the task related to the object recognized.

126. An information processing method according to claim  
122, wherein said predetermined process involves notifying a  
25 ad-up server adding up pieces of information, of the information on the object recognized, and making said add-up server add up results of the recognition.

127. An information processing method according to claim 122, wherein said communication unit communicates with an E-mail server delivering an E-mail, and

5        said predetermined process involves commanding said E-mail server to deliver an E-mail related to the object recognized via said communication unit.

128. An information processing method for a computer  
10 including a communication unit to issue a command to a data distribution system in linkage with a display device including a receiving unit receiving data containing a motion picture from said data distribution system, a display unit displaying the motion picture and a pointing unit pointing a position on the  
15 motion picture, said method comprising:

receiving information on the position where the pointing manipulation is effected on the motion picture;

recognizing the object in the motion picture receiving the pointing manipulation on the basis of the information  
20 received from said display device;

referring to an instruction related to the object; and  
commanding said data distribution system to change over the data to be distributed in accordance with the instruction.

25        129. An information processing method comprising:  
receiving pieces of information to be added up;  
referring to category information for categorizing the

added-up information;

categorizing the added-up information in accordance with the category information and adding up these piece of added-up information;

5 recording pieces of added-up information ruled out of the category information in said categorizing;

generating a new set of category information for categorizing the added-up information recorded; and

10 categorizing and adding up once again the added-up information on the basis of the generated category information.

130. An information processing method according to claim 129, wherein the added-up information is an answer to a questionnaire.

15 131. An information processing method according to claim 130, wherein the answer to the questionnaire is a piece of information about a position on a picture, and

20 the category information contains area information created corresponding to motion picture segments.

132. An information processing method comprising:  
obtaining an image of a subject;  
detecting signals transmitted from signal generating  
25 units attached to a plurality of positions on the subject;  
recording a mapping between the image and the signal; and  
creating, from the signals, information for defining an

occupy area on the image of the subject or a part of the subject.

133. An information processing method for operating a computer in linkage with a display device including a receiving unit receiving a motion picture containing a commercial article, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said method schemed to support an agency of advertisement for the commercial article related to a motion picture segment not assumed as an object, comprising:

receiving information about the position where the pointing manipulation is effected from said display device; recognizing an object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device;

recording data on the position if unable to recognize the object with respect to the pointing manipulation; and

adding up and reporting pieces of information on the recorded position.

134. An information processing method for operating a computer in linkage with a display device including a receiving unit receiving data containing a motion picture, a display unit displaying the motion picture, and a pointing unit pointing a position on the motion picture, said method schemed to support an information research about the motion picture, comprising:

receiving information about a position where the pointing

manipulation is effected from said display device;

recognizing an object in the motion picture receiving the pointing manipulation on the basis of the information received from said display device;

5        recording data on the position if unable to recognize the object with respect to the pointing manipulation; and

adding up and reporting pieces of information on the recorded position.

10        135. An information processing method of controlling a display device including:

a receiving unit receiving data containing a motion picture from a data distribution system;

a display unit displaying the motion picture;

15        a pointing unit pointing a position on the motion picture; and

a communication unit communicating with a server for recognizing an object in the motion picture,

said method comprising:

20        transmitting, when a motion picture of first data displayed on said display unit receives the pointing manipulation, a piece of information about a position on the motion picture receiving the pointing manipulation and a piece of information for specifying the motion picture to said server;

25        making said server command said data distribution system to change over the data to be distributed in accordance with the position on the motion picture receiving the pointing



manipulation;

receiving second data changed over; and

displaying the second data.